## BEGINNER GUIDE TO AWS CLOUD

#### **WHO AM I**

- Mayowa Akinyele
  - o Got admitted in 2005, Drop-out in 2013 after 8 years in LAUTECH
    - Started all over in Russia for another 6 years, total 14 years to achieve Bsc.
  - Currently a Sr. Data Engineer @ Grover.
    - Germany Based Company
    - Build Systems that process Data to Target systems for different use case.
    - Build and Maintain the entire Data Platform
  - Founder @ CoreDataEngineer ( CDE )
    - Basically training and enabling aspiring Data Engineers
  - Hobbies: Distributed systems, Football, Data Engineering

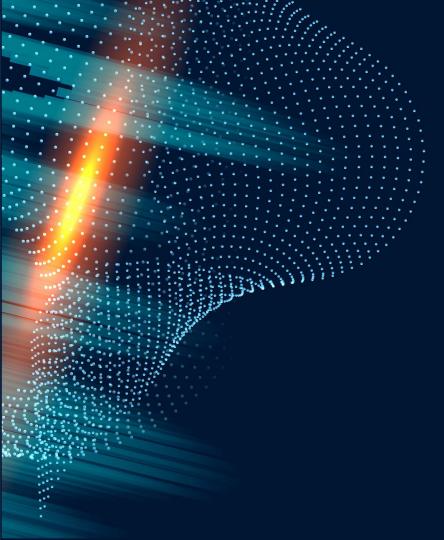
#### **AGENDA**

- What is Cloud
- What is AWS Cloud

- AWS GLOBAL Infrastructure
- AWS Cloud access awareness

#### WHAT DO WE HAVE BEFORE CLOUD

- On premise Infrastructure
  - Every Infrastructure is pretty much on site
  - Tough to manage
  - Vulnerable to security breach
  - This is expensive, both monetary and human wise



#### WHAT IS CLOUD

- Cloud is Definitely someone's space you rented in a physical location.
- See it as an environment with all infrastructure (Servers, storages, Databases
- To use the space, you need to register and include bank account where they charge monthly
- When you rent, you simply rent those infrastructures in those physical location

#### **EVERYTHING STARTS FROM DATA CENTERS**

- What is Data Center
  - This is the physical location where they have those infrsatructure

- Let's talk about Regions and Availability Zones (AZ)
  - Regions are AWS Geographical areas around the World.
  - Availability Zones are the actual Data Centers

### **AWS CLOUD ACCESS AWARENESS**

You cannot survive without knowing IAM in AWS

Permission is everything on AWS and it's Critical



# THANK YOU ALL